

CITY OF NEWPORT

RESOLUTION NO. 3724

A RESOLUTION ACCEPTING THE
SEISMIC EVALUATION OF THE
BIG CREEK DAMS NO. 1 AND NO. 2 -
PHASE 3 - ENGINEERING AND EVALUATION
AND CORRECTIVE ACTION ALTERNATIVES,
AS PREPARED BY HDR ENGINEERING
AND DATED AUGUST 28, 2015

WHEREAS, in October of 2011, as part of the construction of the city's new water treatment facility, it was discovered that the soils under the Big Creek Dam No. 1 were very unstable and had the potential for seismic failure; and

WHEREAS, HDR Engineering, Inc., the engineering firm for the water treatment facility, was engaged to conduct a preliminary geotechnical evaluation and seismic stability assessment for Big Creek Dams No. 1 and No. 2; and

WHEREAS, the preliminary study, prepared by HDR Engineering, Inc., showed that both dam structures were at significant risk of failure during even a moderate seismic event; and

WHEREAS, the dam study resulted in the Oregon Water Resources Department Dam Safety Division elevating the Big Creek Dams No. 1 and No. 2 to the second and third most critical dam structures in the State of Oregon; and

WHEREAS, in May of 2013, the city issued an RFP to select an engineer of record for dam study and design, and as a result of the RFP, HDR Engineering, Inc. was selected as the most qualified engineering firm to perform this work; and

WHEREAS, the first task order was developed, in conjunction with staff from the Oregon Water Resources Department Dam Safety Division, for a two phase seismic study. Phase 1 and 2 include conducting a detailed geotechnical and seismic evaluation of both dam structures; and

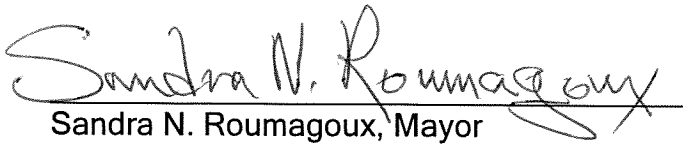
WHEREAS, Phase 3 is a report and presentation to the City Council which identifies several remediation or replacement scenarios and order of magnitude costs. This report and presentation to the City Council was made at the July 20, 2015 City Council meeting and at the September 8, 2015 City Council Work Session.

THE CITY OF NEWPORT RESOLVES AS FOLLOWS:

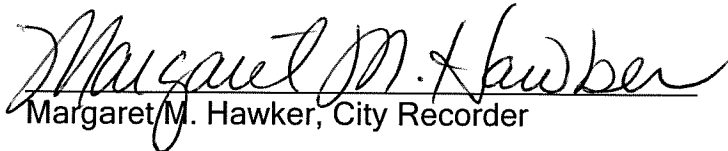
Section 1. The City Council of the City of Newport formally accepts the Feasibility Study for the Seismic Evaluation of Big Creek Dams No. 1 and No. 2 - Phase 3 - Engineering Evaluation and Corrective Action Alternatives.

Section 3. This resolution is effective on adoption.

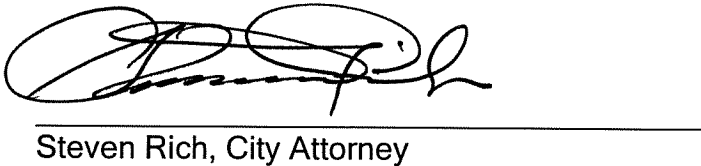
Adopted by the City Council of the City of Newport, Oregon, on September 21, 2015.


Sandra N. Roumagoux, Mayor

ATTEST:


Margaret M. Hawker, City Recorder

APPROVED AS TO FORM:


Steven Rich, City Attorney